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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/998,349	11/30/2001	Michael T. Davis	TI-29614	5513

23494 7590 10/01/2003

TEXAS INSTRUMENTS INCORPORATED
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EXAMINER

CRUZ, MAGDA

ART UNIT	PAPER NUMBER
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2851

DATE MAILED: 10/01/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/998,349	Applicant(s) DAVIS ET AL.	
	Examiner Magda Cruz	Art Unit 2851	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) 11-39 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 November 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Election/Restrictions

1. Applicant's election of Group I in Paper No. 07/18/2003 is acknowledged.
Because applicant did not distinctly and specifically point out the supposed errors in the restriction requirement, the election has been treated as an election without traverse (MPEP § 818.03(a)).
2. Claims 11-39 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected inventions, there being no allowable generic or linking claim. Election has been treated as an election **without** traverse in Paper No. 07/18/2003.

Drawings

3. This application has been filed with informal drawings, which are acceptable for examination purposes only. Formal drawings will be required when the application is allowed.

Specification

4. The abstract of the disclosure is objected to because it exceeds 150 words in length. Correction is required. See MPEP § 608.01(b).

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1-5, 7 and 9 are rejected under 35 U.S.C. 102(b) as being anticipated by Holten.

Holten (US Patent Number 5,345,140) discloses a reflector extension body (10) having a first open end (12) and a second open end (22), said reflector body (10) formed to receive light from a light source (3) in a reflector, said first open end formed to receive said reflector, said second open end arranged to allow said light from said light source to pass through (column 7, line 64 through column 8, line 11); and a transparent plate (30), said transparent plate positioned to cover said second open end of said reflector extension (column 8, lines 36-39); said reflector extension body (10) comprising a tapered extension body (Figure 6), said taper being a straight taper; said taper being a curved taper (Figure 7); having a reflective inner surface (column 10, lines 7-8), comprising a metal reflector extension body (130); an electrical connection between an exterior surface of said reflector extension and said arc lamp (column 7, lines 64-68).

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Holten in view of Ernst et al.

Holten (US Patent Number 5,345,140) teaches the salient features of the present invention, except a reflector extension comprising a plastic reflector extension body. However, Holten discloses a reflector extension (10).

Ernst et al. (US Patent Number 4,811,178) disclose a reflector extension (1) comprising a plastic reflector extension body (column 2, lines 63-65).

It would have been obvious to one of ordinary skill in the art at the time of the invention was made to utilize the plastic reflector from Ernst et al.'s invention, in substitution of the reflector disclosed by Holten, for the purpose of having a bowl shaped-reflector with an opening that accommodates an incandescent lamp (column 1, lines 4-6).

9. Claims 8 and 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Holten in view of Basey.

Holten (US Patent Number 5,345,140) teaches the salient features of the present invention, except a reflector extension comprising at least two cooling vents formed in

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said reflector extension body, and at least two alignment surfaces to position said reflector extension within a display system. However, Holten discloses an electric lamp arrangement having a wide freedom in positioning of the light source and its shape.

Basey (US Patent Number 6,527,417 B2) discloses a reflector extension (12) comprising at least two cooling vents (28) formed in said reflector extension body (column 3, lines 4-6), and at least two alignment surfaces (16, 18) to position said reflector extension within a display system (column 2, line 64 through column 3, line 4).

It would have been obvious to one of ordinary skill in the art at the time of the invention was made to utilize the reflector extension disclosed by Basey, in substitution of the lamp arrangement from Holten's invention, for the purpose of allowing air to circulate within and flow through the lamp reflector to cool and maintain the temperature of the lamp (column 1, lines 4-7).

Conclusion

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Pascucci (US Patent Number 2,686,255) discloses a lamp including a reflector and a refracting lens and/or globe assembly designated to direct the light in the desired pattern and intensity.

Wiley (US Patent Number 4,021,659) shows a concave reflecting surface of a projector lamp reflector.

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Gulliksen (US Patent Number 4,164,012) teaches a method of controlling characteristics of reflected radiant energy.

Futami et al. (US Patent Number 6,244,732 B1) discloses a lamp composed of a light source, a tilted ellipsoidal rotation surface reflector, and an annular cylindrical lens.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Magda Cruz whose telephone number is (703)308-6367. The examiner can normally be reached on Monday through Thursday 8:00-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Russ Adams can be reached on (703)308-2847. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)308-1782.


RUSSELL ADAMS
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800

Magda Cruz
Patent Examiner
September 16, 2003